## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Ap	oplication of:	Group Art Unit: 3662			
Dupi	ray	Confirmation No.: 2046			
Serial No.:	09/176,587	Examiner: PHAN, DAO LINDA			
Filed: 10-21	-1998	SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT			
Atty. File No	o.: 1005	Electronically Submitted			
CAL	ELESS LOCATION SYSTEM ) IBRATING MULTIPLE ) ATION ESTIMATORS )				
P.O. Box 14	ner for Patents				
Dear Sir:					
The : Examiner.	references cited on attached Form	n PTO-SB08 are being called to the attention of the			
⊠	Copies of the cited non-patent	and/or foreign references are enclosed herewith.			
	Copies of the cited U.S. patents	s and/or patent applications are enclosed herewith.			
⋈	Copies of the cited U.S. patents	s/patent application publications are not enclosed in			
accordance v	with 37 C.F.R. § 1.98(a).				
	Copies of the cited references	s are not enclosed, in accordance with 37 C.F.R.			
in prior appl	•	or submitted to the U.S. Patent and Trademark Office iled, which is relied upon for an			
$\Box$ To the best of applicants' belief, the pertinence of the foreign-language references are					
	e summarized in the attached Eng sarily vouch for the accuracy of th	dish abstracts and in the figures, although applicants ne translation.			

⋈	Examiner's attention is drawn to the following co-pending applications, copies of
which have b	peen or are being submitted:
	Serial No. 10/297,449 filed 12-06-2002, now U.S. Patent Publication No.
2004/026645	77 (Attorney's Ref. No. 1010-PUS).
	Other:
Subn	nission of the above information is not intended as an admission that any item is citable
under the sta	tutes or rules to support a rejection, that any item disclosed represents analogous art
or that those	skilled in the art would refer to or recognize the pertinence of any reference without the
benefit of hir	ndsight, nor should an inference be drawn as to the pertinence of the references based
on the order	in which they are presented. Submission of this statement should not be taken as an
indication th	at a search has been conducted, or that no better art exists.
It is re	espectfully requested that the cited information be made of record therein in the presen
application.	
	Respectfully submitted,
	1/2/1///
	By: Alung And Cly
	Dennis J. Dupray
	Registration No. 46299
	1801 Belvedere Street
	Golden CO 80401
Date: Valy	25, 2007 (303) 863-9700
/	

Sub	Substitute for form 1449A/PTO		Complete if Known		
				Application Number	09/176,587
INFORMATION DISCLOSURE				Filing Date	10-21-1998
S	STATEMENT BY APPLICANT			First Named Inventor	DUPRAY
				Art Unit	3662
				Examiner Name	PHAN, DAO LINDA
Sheet	1	of	1	Attorney Docket Number	1005

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number Number-kind Code 2 (d known)	Publication Date MM-DD-YYYY	Name of Patentee of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	5,831,977	11/03/98	Dent	
	2	5,930,717	07/27/19	Yost et al.	
	3	5,938,721	08/17/99	Dussell et al.	
	4	6,952,181	10/04/05	Karr et al.	
	5	2004/0266457	12/30/04	Dupray	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*		Foreign Patent Document  Country Code <sup>3</sup> ; Number <sup>4</sup> ; Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

		OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
Examiner Initials*	Cite No.1	

Examiner Signature	Date Considered	